



August 19, 1983  
L-83-456

Mr. James P. O'Reilly  
Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 & 50-251  
Inspection Report 83-14  
Supplemental Information

Florida Power and Light's response to Unresolved Item (URI) 50-250, 251/83-14-01, "Intermixing of Cables in Redundant Safeguard Cable Trays" is attached for your review. Additional information regarding the program for structural evaluation of as-built cable tray systems is also provided as requested by Mr. A. Ruff of your staff on July 22, 1983.

There is no proprietary information in this report.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Robert E. Uhrig", is written over a horizontal line.

Robert E. Uhrig  
Vice President  
Advanced Systems and Technology

REU/GJK/mp  
Attachment

cc: Harold F. Reis, Esquire

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#### NRC Concern

URI-50-250,251/83-14-01 Intermixing of Cables in Redundant Safeguard Cable Trays - Some of the cables common to the redundant safeguard trays identified in the referenced inspection report have not been determined to be N-S/R, it is requested that FPL identify these cables and if they are N-S/R, indicate how the S/R cables are protected from an adverse failure in the N-S/R cables.

#### FPL Response

FPL has identified the cables listed in Section 5.a-1 through 5.a.5 of I & E Inspection Report 83-14 and have determined that they all provide non-safety related functions or are non-energized spares.

All but one of the non-safety related energized cables identified are protected by circuit breakers or fuses which will isolate the non-safety related cable if a short circuit failure were to occur. The cable which does not utilize an isolation device is in a low-energy metering/relaying current transformer circuit.

An open or short circuit in this cable will not result in damage to adjacent cables because of the low energy available from the current transformer.

#### NRC Concern

In a telephone conversation on July 22, 1983, Mr. A. Ruff (NRC/Region II) requested that FPL provide information on its program for re-evaluating the structural capability of cable tray systems.

#### FPL Response

In order to determine whether the present cable tray system complies with its design requirements, FPL is performing a comprehensive review of the present cable tray loading conditions. The first portion of this review includes the collection of information to determine existing loading. Accordingly, we are compiling existing information that will identify the tray loading by percent of cable fill. Once this loading has been identified, we will evaluate the cable trays that exceed loading criteria for seismic capability. In this manner, FPL will ensure that existing cable tray systems and any future additions will meet design requirements.